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ABSTRACT OF THE DISCLOSURE

An anti-reflection coating-forming composition is provided.

This composition includes a polymer and a solvent. The polymer

base a structural unit represented by the formula (1):

$$\begin{array}{cccc}
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&$$

wherein R_1 is a monovalent atom other than a hydrogen atom or a monovalent group, and n is an integer of 0-4, provided that when n is an integer of 2-4, a plural number of R_1 's are the same or different; R_2 and R_3 are each a monovalent atom or group; and X is a bivalent group. The anti-reflection coating formed from this composition has a high antireflective effect, does not generate intermixing with a resist film, and enables a good resist pattern profile excellent in resolution and precision in cooperation with a positive or negative resist.